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Routing #3004
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FAX COVER LETTER

DATE: February 21, 2006

PLEASE DELIVER THE FOLLOWING PAGES:

TO: Commissioner for Patents
Mail Stop Petition

FAX: (571) 273-8300

FROM: Theodore R. West

Direct Dial: (717) 237-5349

TOTAL NUMBER OF PAGES, INCLUDING THIS COVER LETTER: 9

MESSAGE:

In re Application No.: 10/788,723, Filed: February 27, 2004
First Named Inventor: WILLS, et al.
Docket No.: 20712-0062-01

**Petition for Revival of An Application
for Patent Abandoned Unintentionally**

FAX NUMBER: (717) 237-5300

SECRETARY RESPONSIBLE: Kathy Sauter

TELEPHONE: (717) 237-5327

*******CONFIDENTIALITY NOTE*******

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PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/788,723	
	Filing Date	February 27, 2004	
	First Named Inventor	WILLS, et al.	
	Art Unit	NORMAN	
	Examiner Name	3744	
Total Number of Pages in This Submission	9	Attorney Docket Number	20712-0062-01

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of Decision on Petition to Withdraw Holding of Abandonment; Certificate of Facsimile Transmission
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McNees Wallace & Nurick LLC Brian T. Sattizahn, Attorney Reg. No. 46,401
Signature	<i>B T Sattizahn</i>
Date	2-21-2006

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Theodore R. West		
Signature	<i>[Signature]</i>	# 47,202	Date Feb. 21, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4018).**FEE TRANSMITTAL**
For FY 2005☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1800.00

Complete If Known

Application Number	10/788,723
Filing Date	February 27, 2004
First Named Inventor	WILLS, et al.
Examiner Name	NORMAN
Art Unit	3744
Attorney Docket No.	20712-0062-01

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FEB 21 2006**METHOD OF PAYMENT (check all that apply)**

- ☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 50-1059 Deposit Account Name: McNees Wallace & Nurick
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
- ☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
Total Claims		
- 20 or HP = _____ x _____ = _____		
HP = highest number of total claims paid for, if greater than 20.		
Indep. Claims		
- 3 or HP = _____ x _____ = _____		
HP = highest number of independent claims paid for, if greater than 3		

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____				

4. OTHER FEE(S)

Non-English Specification. \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Publication Fee; Petition to Revoke Unintentionally Abn. Appln.

Fees Paid (\$)

1800

SUBMITTED BY

Signature	<u>Brian T. Saltzahn</u>	Registration No. (Attorney/Agent)	46,401	Telephone	(717) 232-8000
Name (Print/Type)	Brian T. Saltzahn			Date	February 21, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SI/54 (10-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)	Docket Number (Optional) 20712-0062-01
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First named inventor: WILLIS, et al.

Application No.: 10/788,723 Art Unit: 3744

Filed: February 27, 2004 Examiner: Marc E. NORMAN

Title: SYSTEM AND METHOD FOR VARIABLE SPEED OPERATION OF A SCREW COMPRESSOR

Attention: Office of Petitions
Mail Stop Petition
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450
 FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

☐ Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☒ Other than small entity - fee \$ 1500 (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in the form of _____ (identify type of reply):

☐ has been filed previously on _____

☐ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ 300

☐ has been paid previously on (Issue Fee paid Nov. 16, 2005)

☒ is enclosed herewith.

(Page 1 of 2)

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1 800-PTO-9199 and select option 2

02/23/2006 NNGUYEN1 00000111 501059 10788723

01 FC:1453 1500.00 DA

PTO/SB/64 (10-05)

Approved for use through 07/31/2006. OMB 0851-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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3. Terminal disclaimer with disclaimer fee

☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.

☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

Brian T. Saltzahn
Signature

2/21/2006
Date

Brian T. Saltzahn
Typed or printed name

46,401
Registration Number, if applicable

McNeess Wallace & Nurick
Address

(717) 232-8000
Telephone Number

100 Pine St., P.O. Box 1166, Harrisburg, PA 17108-1166
Address

Enclosures: ☒ Fee Payment

☐ Reply

☐ Terminal Disclaimer Form

☐ Additional sheets containing statements establishing unintentional delay

☒ Other: Copy of Decision on Petition to Withdraw Holding of Abandonment

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

☒ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office as (571) 273-8300.

Feb 21, 2006
Date

Therese R. West
Signature
Typed or printed name of person signing certificate

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ENTERED FEB 13 2006 TSK 220

UNITED STATES PATENT AND TRADEMARK OFFICE

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100 PINE STREET
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HARRISBURG, PA 17108-1166

FEB 08 2006

Director's Office
Office of Patent Publication

In re Application of
WILLS, FRANK EUGENE, et al.
Application No. 10/788,723
Filed: February 27, 2004
Attorney Docket No. 20712-0062

COPY

DECISION ON PETITION

This is a decision on the Petition To Withdraw Holding Of Abandonment Under 37 CFR 1.181(a), received in the United States Patent & Trademark (USPTO) on January 20, 2006.

The petition is **DISMISSED**.

The above-identified application was held abandoned for Applicants failure to timely pay the issue fee and publication, as required in the Notice of Allowance mailed September 6, 2005. The Notice of Abandonment indicates that the submitted fee of \$1,400 is insufficient. A balance of \$300 is due. Issue fee required is \$1,400 and the publication fee is \$300.

The Office acknowledges receipt of ~~PART B -- FEE(S) TRANSMITTAL~~ on November 18, 2005, authorizing that the Issue Fee, Publication Fee, and Advance Order Copies Fee be charged to Deposit Account No. 50-1059. Unfortunately, on November 18, 2005, when an attempt was made by the Office of Finance to charge such fees, there was insufficient funds in the Deposit Account to charge all the required fees. Publication fee of \$300.

37 CFR 1.25 (a) and (b), which states in part:

1.25(a) ...An amount sufficient to cover all fee, services, copies, etc., requested must always be on deposit. Charges to accounts with insufficient funds will not be accepted."

1.25 (b) ...An authorization to charge a fee to a deposit account will not be considered payment of the fee on the date the authorization to charge the fee is effective as to the particular fee to be charged unless sufficient funds are present in the account to cover the fee.

02/23/2006 HNGUYEN1 00000111 501059 10788723

02 FC:1504 300.00 DA

Application No. 10/788,723

Page 2

In light of the non-compliance with 37 CFR 1.25, the holding of abandonment cannot be withdrawn.


Applicant may seek relief by filing a petition for Revival of Abandoned Application under CFR § 1.137 (a) or (b). (Forms are available at USPTO website <http://www.uspto.gov>)

- Under 37 CFR 1.137(a), a petition for the revival of an *unavoidably* abandoned application
- Under 37 CFR 1.137(b), a petition for the revival of an *unintentionally* abandoned application

Further inquires with respect to filing a petition under 37 CFR § 1.137 may be directed to the Office of Petitions at 571-272-3282 or addressed as follows:

By mail: Mail Stop Petitions
Commissioner for Patents
Office of Petitions
P O Box 1450
Alexandria, VA 22313-1450

Telephone inquires concerning this decision matter may be directed to the undersigned at 703 308-9250.



Thomas E. Hawkins
Paralegal Specialist
Office of the Director
Office of Patent Publications

PTO/SB/97 (09-04)

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Certificate of Transmission under 37 CFR 1.8

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on Feb 21, 2006
Date



#47,202

Signature

Theodore R. West

Typed or printed name of person signing Certificate

47,202

Registration Number if applicable

(717) 232-8000

Telephone Number

Note: Each paper must have its own certificate of transmission, or this
certificate must identify each submitted paper.

Transmittal Form (1 page)

Fee Transmittal Form (1 page, in duplicate)

Petition for Revival of An Application for Patent Abandoned

Unintentionally (2 pages)

Copy of Decision on Petition to Withdraw Holding of
Abandonment (2 pages)

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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